

Natural Growing

Through Biology



**TAINIO**<sup>®</sup>  
**BIOLOGICALS, INC.**

BFMS<sup>®</sup> Biological Farm Management System<sup>™</sup>

**SPECTRUM DS**<sup>™</sup>

Biological Inoculant for Drought-Stressed Soils

CONTAINS NON-PLANT FOOD INGREDIENTS

Live beneficial soil microbes of the following types and minimum numbers of colony forming units (CFUs) per gram:

*Arthrobacter globiformis* 1X10<sup>5</sup>; *Azospirillum brasilense* 1X10<sup>6</sup>, *A. lipoferum* 1X10<sup>5</sup>; *Azotobacter chroococcum* 1X10<sup>5</sup>, *A. paspali* 1X10<sup>4</sup>, *A. vinelandii* 1X10<sup>5</sup>; *Bacillus amyloliquefaciens* 1X10<sup>6</sup>, *B. atrophaeus* 1X10<sup>5</sup>, *B. licheniformis* 1X10<sup>5</sup>, *B. megaterium* 1X10<sup>5</sup>, *B. pumilus* 1X10<sup>4</sup>, *B. subtilis* 1X10<sup>5</sup>, *B. thuringiensis* 1X10<sup>5</sup>; *Brevibacillus brevis* 1X10<sup>6</sup>; *Micrococcus luteus* 1X10<sup>5</sup>; *Pseudomonas fluorescens* 1X10<sup>5</sup>, *P. putida* 1X10<sup>6</sup>; *Rhodopseudomonas palustris* 1X10<sup>4</sup>; *Rhodospirillum rubrum* 1X10<sup>4</sup>; *Streptomyces griseus* 1X10<sup>4</sup>

99.99% Inert carrier ingredients

APPLICATION

Apply at a rate of **50 grams (1.76 oz) per acre**. Spectrum DS is designed for subsurface application; however, it may be sprayed on ground surface if soil incorporation is done immediately. May be applied to the soil by aerial spraying, ground sprayer, shanked in with fertilizer liquids, by furrow or flood irrigation, hand lines or center pivot sprinkler systems, or sprinkler or drip irrigation.

Protect microbes from U.V. damage by incorporating immediately, or applying with BFMS<sup>®</sup> NutraNeed or other humic acid product.

To Avoid Plugging: Premix in water before adding to spray tank.

Caution:

- Keep out of reach of children and pets.
- Do not swallow.

Contains live soil microbes:

- Store below 120° F
- Keep out of direct sunlight.
- Color and density may vary.

Manufactured & Guaranteed by

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Net weight: \_\_\_ grams (\_\_\_ oz) Treats: \_\_\_ acres Lot: \_\_\_ Exp. Date: \_\_\_